

R. W. Cook, Manager of Oak Ridge Operations

August 10, 1950

1981

E. J. Bloch, Acting Director of Production, Washington

10/15

INCREASED PRODUCTION WITH ADDITIONAL NORMAL FEED

SYMBOL: PPFM:NJC

Reference is made to your Top Secret Transmittal memorandum of July 21, 1950 on the above subject. As you know, W. B. Humes and Sylvan Cromer of Carbide and Carbon Chemicals Division were in Washington on August 7, 1950 to meet with NSRB on possible future power requirements. We took the occasion of their visit to discuss briefly with them the proposed increased feed rate. We were attempting to determine the relative production advantages of feeding more normal uranium to the cascade at this time versus holding the additional feed for charging later, when more separation capacity becomes available. From the data at hand, this determination could not be made and Mr. Humes agreed to have his people at K-25 study the problem more extensively. He is to report back to you on the outcome of these studies.

In view of the July 2 operating accident, its resultant production and inventory losses and gradient changes, the increased feeding to the cascade is approved, pending receipt of the new Carbide studies on this problem. You are asked to urge Carbide to complete this study as soon as possible. The increased feed rate will be re-evaluated, in light of the overall ore situation, when these studies are completed.

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K. A. Dunbar, Director of Production and
Engineering
S. R. Sapirle, Deputy Manager

May 13, 1950

FEED RATE PLAN FOR K-29 AND K-31

SYMBOL: DM:SRS

Mr. Walter J. Williams, during his visit to Oak Ridge, suggested that we should make plans to use S-50 stockpile material and then the K-25 stockpile material in the initial operation of K-29. A plan should be developed so that we will not run out of feed stockpile before the Hanford recovered material becomes available.

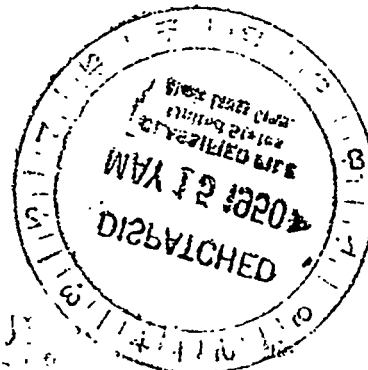
We should develop a proposed operating plan in tabular form which can be revised from time to time as necessary to show the schedule for initial operations of the various sections of K-29 and K-31 coordinated with the schedule for receipt of supplementary material from Hanford and the availability of S-50 tails, K-25 tails and normal feed stockpile. This schedule should be developed so as to allow us to obtain the earliest optimum operation.

S. R. Sapirle

Sapirle:wd

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